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EUROPEAN PATENT APPLICATION

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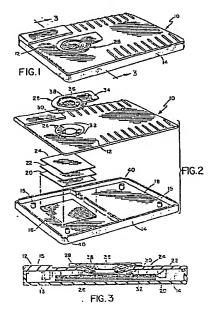
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[4] Immunodiagnostic device.

(a) A device for assaying biological fluids for molecules contained therein comprising a container (10), material situated in the container for absorbing fluid (20) and in communication with an antibody or antigen impregnated matrix (24), wherein the matrix is accessible to the exterior of the container through a funnel shaped aperture (26) in the roof of the container. Further features include a chemical drying agent (18) associated with the container for absorbing moisture, thereby preventing inactivation of the assay reagents, and a filter (28) situated above the antibody or antigen impregnated matrix, and in communication with the matrix through the aperture in the roof of the container. The filter removes interfering substances present in the biological fluids, and provides protein blocking agents to the matrix material for decreasing the background of the assay.



Bundesdruckerei Berlin





EUROPEAN SEARCH REPORT

EP 87 30,8227

,	DOCUMENTS CONS	SIDERED TO BE RELEVAN	T	_
Category		th indication, where appropriate, vant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. CI.4)
P,X	EP-A-0 217 403 (ABBOTT LAB.)		G 01 N 33/543
	* Column 12, lin column 31; fig	es 8-11, 20-31; pure 5; claims 4-11	22	G 01 N 33/76
A			2,12, 17,21, 23	
	-			
X	EP-A-0 186 100 (0.0	
	* Pages 6,7; pag claims 1,4-9 *	ge 9, lines 1-20;	22	
Y			1,22	
A			12,13, 18,19	
	-	. _ ,		
Y		EASTMAN KODAK CO.)		
	page 7, lines	- page 6, line 10; 15-20, line 25 - ; claims 1-5 *	1,22	TECHNICAL FIELDS SEARCHED (Int. CI.4)
	_	-		G 01 N 33/00
Y	EP-A-0 097 952 (FUJI)		
	lines 32-35; p 29-33; page 23	10-13; page 17, age 22, lines , lines 10-16; igures 2,29; claims	1,22	
A	· .		3,24	
;	· -			
A,D	US-A-3 888 629 (K.D. BAGSHAWE)	·	
		s 6-11,26-31,36-40; ms 1,7,8,12,13,17,	1,3,7, 8,16, 22,24	
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Place of search Date of completion of the search			1	Examiner
		25-03-1988		DE KOK
Y: pa do A: ted O: no	CATEGORY OF CITED DOCE rticularly relevant if taken alone rticularly relevant if combined w cument of the same category chnological background n-written disclosure ermediate document	E : earlier pate after the fil bith another D : document L : document	ent document, ing date cited in the ap cited for other	

CLAIMS INCURRING FEES				
The present	European patent application comprised at the time of filing more than ten claims.			
	All claims fees have been paid within the prescribed time limit. The present European search report has been drawn up for all claims.			
	Only part of the claims fees have been paid within the prescribed time limit. The present European search report has been drawn up for the first ten claims and for those claims for which claims fees have been paid,			
	namely claims:			
	No claims fees have been paid within the prescribed time limit. The present European search report has been drawn up for the first ten claims.			
X LA	CK OF UNITY OF INVENTION			
	Division considers that the present European patent application does not comply with the requirement of unity of ad relates to several inventions or groups of inventions,			
1. C]	laims 1-9,12-25: A device for performing diagnostic assays of biological fluids			
2. Cl	laims 10,11: A method for impregnating immunochemicals onto matrix materials			
	All further search fees have been paid within the fixed time limit. The present European search report has been drawn up for all claims.			
	Only part of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the inventions in respect of which search fees have been paid,			
	namely claims:			
£3	None of the further search fees has been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the Invention first mentioned in the claims,			
	namely claims: 1-9,12-25			



EUROPEAN SEARCH REPORT

Application number

EP 87 30.8227

Category	Citation of document with indication, where appropriate,	Relevant	CLASSIFICATION OF THE
valegory	of relevant passages	to claim	APPLICATION (Int. CI. ¹)
A	WO-A-85 05 451 (HYBRITECH INC.)		
	* Page 10, lines 1-12; claims 1-5 15-17,21-35 *	, 1-3, 12-14, 17-19, 22-24	
			
A,D	US-A-3 281 860 (R.A. ADAMS et al.	,	
	* Whole document *	4	
			TECHNICAL FIELDS
			SEARCHED (Int. Cl.4)
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	Place of search Date of completion of the search	h	Examiner
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Y : pa	E : earlier particularly relevant if taken alone after the fricularly relevant if combined with another D : docume	or principle underloatent document, e filing date ent cited in the appent cited for other	ying the invention but published on, or plication